

इंटरनेट

मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 11072 (1984): Ice Daggers for Mountaineering [PGD 27: Mountaineering Equipment]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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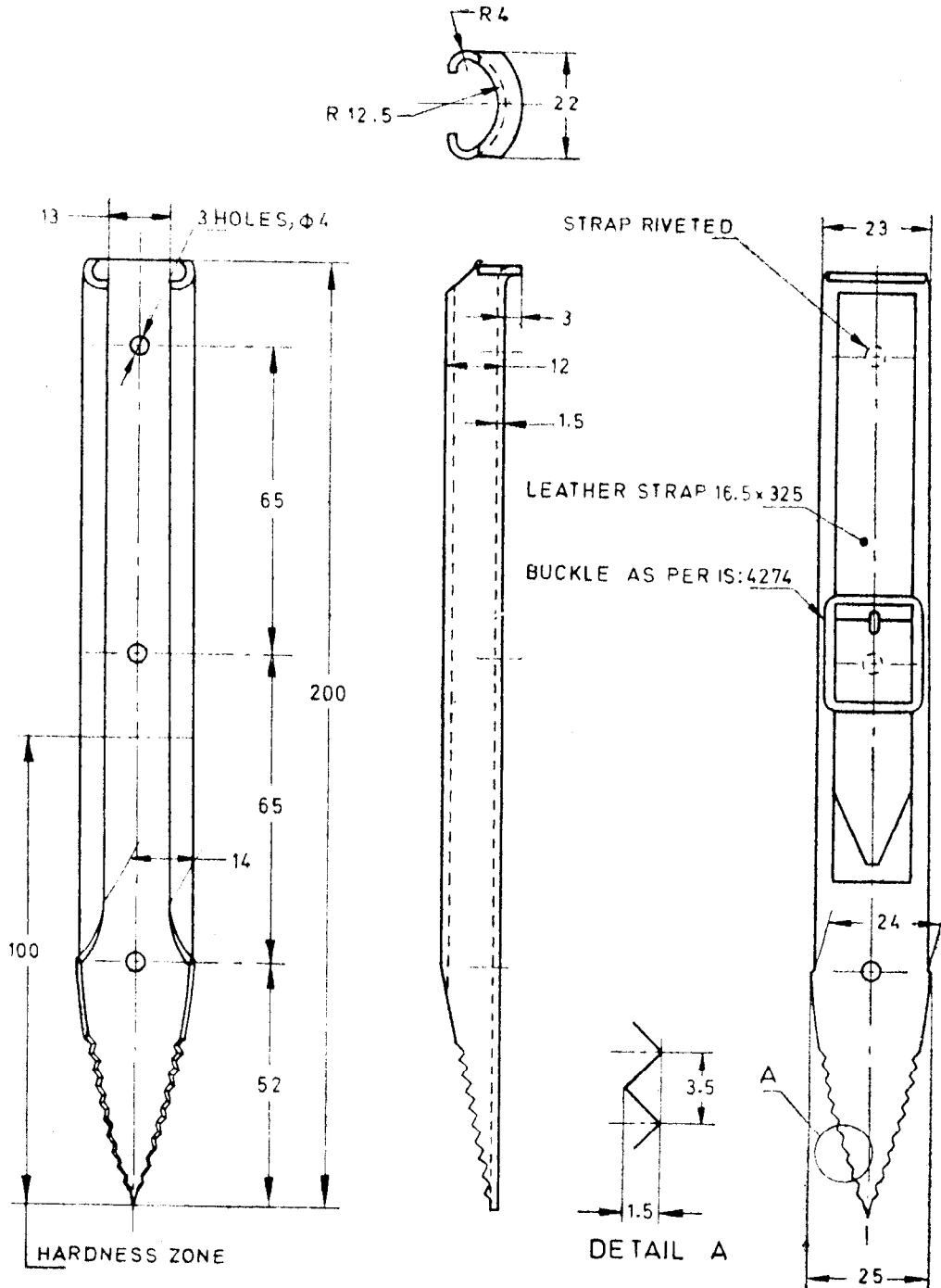


Indian Standard

SPECIFICATION FOR
ICE DAGGERS FOR MOUNTAINEERING

Mountaineering equipment Sectional Committee, EDC 76; Mountaineering Equipment Subcommittee, EDC 76-1 [Ref: Doc: EDC 76 (3441)]

1. **Scope** — Specifies the requirements for ice daggers for mountaineering.
2. **Dimensions** — Shall be as given in Fig. 1.



All dimensions in millimetres.

FIG. 1 DIMENSIONS FOR ICE DAGGERS

Adopted 30 October 1984

© January 1985, ISI

Gr 1

IS : 11072 - 1984

3. Mass — The mass of the ice dagger shall be 45 g, *Max*.

4. Material — Steel 40 Ni3Cr 65 Mo55 of IS:5517-1978 'Steels for hardening and tempering (*first revision*)'.

5. Hardness — The working edges shall be evenly hardened and tempered and shall have a hardness of 450 to 550 *HV* up to a distance of 100 mm from the working edge.

6. Manufacture — The eyelet holes shall be properly sunk to receive the eyelets. The serrations on the working edges shall be well-finished but shall not be sharp.

7. Workmanship and Finish

7.1 The ice dagger shall be free from cracks, pits, flaws, seams and other defects. All sharp edges shall be removed.

7.2 The ice daggers shall be properly electro-galvanized conforming to IS:1573-1970 'Electroplated coatings of zinc on iron and steel (*first revision*)'.

7.3 The ice daggers shall be properly fitted with nylon strap and buckle. The nylon strap shall have a minimum breaking strength of 1 900 N.

8. Tests — Each ice dagger shall be subjected to crack detection test before galvanizing.

9. Marking — The ice dagger shall be legibly and indelibly stamped/marked with the manufacturer's name, initials or recognized trade-mark and the year of manufacture.

9.1 ISI Certification Marking — Details available with the Indian Standards Institution.

10. Packing — Each ice dagger shall be placed inside a suitable point made from cotton duck 475 g OG water proof conforming to variety No. 3 of IS:1422-1977 'Cotton duck (*second revision*)' with top open and finished with a flap. The flap shall pass through a loop to hold the dagger tight fit. The stitching shall be done with serving cotton 16 Tex/6OG conforming to IS:1720-1978 'Cotton sewing threads (*second revision*)' and the number per stitches per dm shall be 20 to 30. Hundred ice daggers in such punches shall then be suitably packed in double wall corrugated fibre-board box, having minimum crushing strength of the board 10 Kg/cm².